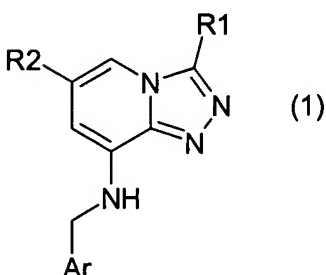


Appendix A**Claim Amendments**

1. (Currently amended) A compound of the formula 1



where

R1 is ~~hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl or fluoro-1-4C-alkyl,~~

R2 is ~~halogen, fluoro-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, carboxyl, cyano, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl, amino-1-4C-alkyl, mono- or di-1-4C-alkylamino-1-4C-alkyl, the radical Res-1-4C-alkyl or the radical -CO-NR31R32,~~

where

~~Res is a imidazo, morpholino, aziridino, azetidino, pyrrolidino, pyrrolo, piperidino, piperazino or a with R30 substituted benzylamino radical and the radical Res is bonded via its nitrogen atom or one of its nitrogen atoms to the 1-4C-alkyl radical,~~

where

~~R30 is 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, 1-4C-alkylcarbonyl, carboxy, 1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, 1-4C-alkoxycarbonyl-1-4C-alkyl, halogen or hydroxy,~~

R31 is hydrogen, ~~hydroxyl, 1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl and~~

R32 is ~~hydrogen, 1-7C-alkyl, or hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl,~~

or where

~~R31 and R32 together, including the nitrogen atom to which both are bonded, are a pyrrolidino, piperidino, piperazino, N-1-4C-alkylpiperazino, morpholino, aziridino or azetidino group,~~

Ar is R4, R5, R6 and R7 substituted ~~mono- or bicyclic aromatic residue~~ selected from the group consisting of phenyl, naphthyl, pyrrolyl, pyrazolyl, imidazolyl, 1,2,3-triazolyl, indolyl, benzimidazolyl, furyl, benzofuryl, thienyl, benzothienyl, thiazolyl, isoxazolyl, pyridinyl, pyrimidinyl, chinolinyl and isochinolinyl,

wherein

R4 is hydrogen, or 1-4C-alkyl, ~~hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, 1-4C-alkylcarbonyl, carboxy, 1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, 1-4C-alkoxycarbonyl-1-4C-alkyl, halogen, hydroxy, aryl, aryl-1-4C-alkyl, aryl-oxy, aryl-1-4C-alkoxy, fluoro-1-4C-alkyl, nitro, amino, mono- or di-1-4C-alkylamino, 1-4C-~~

~~alkylcarbonylamino, 1-4C-alkoxycarbonylamino, 1-4C-alkoxy-1-4C-alkoxycarbonylamino or sulfonyl,~~

R5 is hydrogen, or 1-4C-alkyl, ~~hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, 1-4C-alkylcarbonyl, carboxy, 1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, 1-4C-alkoxycarbonyl-1-4C-alkyl, halogen, hydroxy, aryl, aryl-1-4C-alkyl, aryl-oxy, aryl-1-4C-alkoxy, fluoro-1-4C-alkyl, nitro, amino, mono or di-1-4C-alkylamino, 1-4C-alkylcarbonylamino, 1-4C-alkoxycarbonylamino, 1-4C-alkoxy-1-4C-alkoxycarbonylamino or sulfonyl,~~

R6 is hydrogen, or 1-4C-alkyl ~~or halogen~~ and

R7 is hydrogen, or 1-4C-alkyl ~~or halogen~~,

wherein

~~aryl is phenyl or substituted phenyl with one, two or three same or different substituents selected from the group consisting of 1-4C-alkyl, 1-4C-alkoxy, carboxy, 1-4C-alkoxycarbonyl, halogen, trifluoromethyl, nitro, trifluoromethoxy, hydroxy and cyano,~~

~~with the proviso that, in the case when Ar is not a 2-ethyl-6-methyl-phenyl radical, R1 does not have the meaning hydrogen or 1-4C-alkyl when R2 has the meaning halogen or fluoro-1-4C-alkyl,~~
or a salt thereof.

2. (Currently amended) A compound of the formula 1 as claimed in claim 1,
where

R1 is hydrogen, 1-4C-alkyl, ~~3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl or fluoro-1-4C-alkyl,~~

R2 is halogen, ~~fluoro-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, carboxyl, cyano, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl, amino-1-4C-alkyl, mono- or di-1-4C-alkylamino-1-4C-alkyl, the radical Res-1-4C-alkyl or the radical -CO-NR31R32,~~

where

~~Res is a imidazo, morpholino, aziridino, azetidino, pyrrolidino, pyrrolo, piperidino, piperazino or a with R30 substituted benzylamino radical and the radical Res is bonded via its nitrogen atom or one of its nitrogen atoms to the 1-4C-alkyl radical,~~

where

~~R30 is 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, 1-4C-alkylcarbonyl, carboxy, 1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, 1-4C-alkoxycarbonyl-1-4C-alkyl, halogen or hydroxy,~~

R31 is hydrogen, hydroxyl, ~~1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl and~~

R32 is hydrogen, 1-7C-alkyl, or hydroxy-1-4C-alkyl ~~or 1-4C-alkoxy-1-4C-alkyl,~~

or where

~~R31 and R32 together, including the nitrogen atom to which both are bonded, are a pyrrolidino, piperidino, piperazino, N-1-4C-alkylpiperazino, morpholino, aziridino or azetidino group,~~

Ar is a R4, R5, R6 and R7 substituted ~~mono or bicyclic aromatic residue selected from the group consisting of phenyl, naphthyl, pyrrolyl, pyrazolyl, imidazolyl, 1,2,3-triazolyl, indolyl, benzimidazolyl, furyl, benzofuryl, thienyl, benzothienyl, thiazolyl, isoxazolyl, pyridinyl, pyrimidinyl, chinolinyl and isochinolinyl,~~

wherein

R4 is hydrogen, or 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, halogen or ~~fluoro-1-4C-alkyl,~~

R5 is hydrogen, or 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, halogen or ~~fluoro-1-4C-alkyl,~~

R6 is hydrogen,

R7 is hydrogen,

~~with the proviso that, in the case when Ar is not a 2-ethyl-6-methyl-phenyl radical, R1 does not have the meaning hydrogen or 1-4C-alkyl when R2 has the meaning halogen or fluoro-1-4C-alkyl,~~

or a salt thereof.

3. (Currently amended) A compound of the formula 1 as claimed in claim 1, where

R1 is 1-4C-alkyl, ~~3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl or fluoro-1-4C-alkyl,~~

R2 is carboxyl, 1-4C-alkoxycarbonyl, ~~hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, amino-1-4C-alkyl, mono- or di-1-4C-alkylamino-1-4C-alkyl, the radical Res-1-4C-alkyl or the radical -CO-NR31R32,~~

where

~~Res is a imidazo, morpholino, aziridino, azetidino, pyrrolidino, pyrrolo, piperidino or piperazino radical and the radical Res is bonded via its nitrogen atom or one of its nitrogen atoms to the 1-4C-alkyl radical,~~

R31 is hydrogen, ~~1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl,~~

R32 is hydrogen, ~~1-7C-alkyl or 1-4C-alkoxy-1-4C-alkyl,~~

Ar is a R4, R5, R6 and R7 substituted ~~monocyclic aromatic residue selected from the group consisting of phenyl, pyridinyl, thiophenyl, furanyl and pyrrolyl,~~

wherein

R4 is hydrogen, or 1-4C-alkyl, ~~halogen or fluoro-1-4C-alkyl,~~

R5 is hydrogen, or 1-4C-alkyl, ~~halogen or fluoro-1-4C-alkyl,~~

R6 is hydrogen,

R7 is hydrogen,

or a salt thereof.

4. (Canceled)

5. (Currently amended) A compound of the formula 1 as claimed in claim 1,
where

R1 is 1-4C-alkyl,

R2 is carboxyl, or 1-4C-alkoxycarbonyl, ~~hydroxy 1-4C-alkyl, 1-4C-alkoxy 1-4C-alkyl, 1-4C-alkoxy 1-4C-alkoxy 1-4C-alkyl, amino 1-4C-alkyl, mono or di-1-4C-alkylamino 1-4C-alkyl, the radical Res-1-4C-alkyl or the radical CO-NR31R32,~~

where

~~Res is a imidazo or morpholino radical and is bonded via its nitrogen atom or one of its nitrogen atoms to the 1-4C-alkyl radical,~~

~~R31 is 1-4C-alkyl or 1-4C-alkoxy 1-4C-alkyl,~~

~~R32 is hydrogen, 1-4C-alkyl or 1-4C-alkoxy 1-4C-alkyl,~~

Ar is R4, R5, R6 and R7 substituted phenyl,

wherein

R4 is hydrogen or 1-4C-alkyl,

R5 is hydrogen or 1-4C-alkyl,

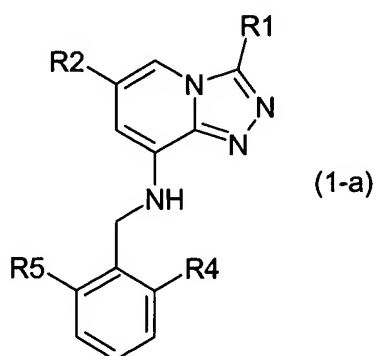
R6 is hydrogen,

R7 is hydrogen,

or a salt thereof.

6. (Canceled)

7. (Currently amended) A compound of the formula 1 as claimed in claim 1, characterized by the formula 1-a



where

R1 is hydrogen, 1-4C-alkyl, ~~3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl or fluoro-1-4C-alkyl,~~

R2 is halogen, ~~fluoro-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, carboxyl, cyano, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl, amino-1-4C-alkyl, mono- or di-1-4C-alkylamino-1-4C-alkyl, the radical Res-1-4C-alkyl or the radical -CO-NR31R32,~~

where

~~Res is a imidazo, morpholino, aziridino, azetidino, pyrrolidino, pyrrole, piperidino, piperazino or a with R30 substituted benzylamino radical and the radical Res is bonded via its nitrogen atom or one of its nitrogen atoms to the 1-4C-alkyl radical,~~

where

~~R30 is 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, 1-4C-alkylcarbonyl, carboxy, 1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, 1-4C-alkoxycarbonyl-1-4C-alkyl, halogen or hydroxy,~~

R31 is hydrogen, hydroxyl, ~~1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl~~ and

R32 is hydrogen, 1-7C-alkyl, or hydroxy-1-4C-alkyl ~~or 1-4C-alkoxy-1-4C-alkyl,~~

or where

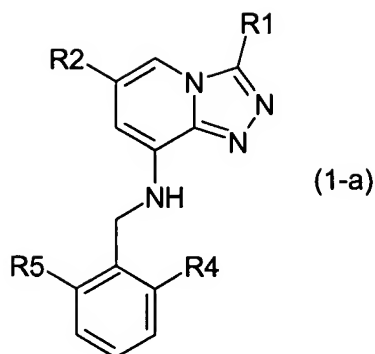
~~R31 and R32 together, including the nitrogen atom to which both are bonded, are a pyrrolidino, piperidino, piperazino, N-1-4C-alkylpiperazino, morpholino, aziridino or azetidino group,~~

R4 is hydrogen, or 1-4C-alkyl, hydroxy-1-4C-alkyl, ~~1-4C-alkoxy, halogen or fluoro-1-4C-alkyl,~~

R5 is hydrogen, or 1-4C-alkyl, hydroxy-1-4C-alkyl, ~~1-4C-alkoxy, halogen or fluoro-1-4C-alkyl,~~

~~with the proviso that, in the case when R4 is not ethyl and R5 is not methyl, R1 does not have the meaning hydrogen or 1-4C-alkyl when R2 has the meaning halogen or fluoro-1-4C-alkyl,~~
or a salt thereof.

8. (Currently amended) A compound of the formula 1 as claimed in claim 1, characterized by the formula 1-a



where

R1 is 1-4C-alkyl,

R2 is carboxyl, or 1-4C-alkoxycarbonyl ~~or the radical CO-NR₃₁R₃₂,~~

where

~~R₃₁ is 1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl,~~

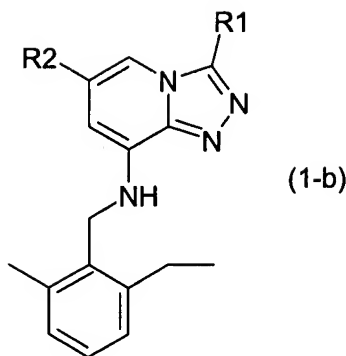
~~R₃₂ is hydrogen, 1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl,~~

R4 is hydrogen or 1-4C-alkyl,

R5 is hydrogen or 1-4C-alkyl,

or a salt thereof.

9. (Currently amended) A compound of the formula 1 as claimed in claim 1, characterized by the formula 1-b



in which

R1 is hydrogen, 1-4C-alkyl, ~~3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl or fluoro-1-4C-alkyl,~~

R2 is halogen, ~~fluoro-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, carboxyl, cyano, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl, amino-1-4C-alkyl, mono- or di-1-4C-alkylamino-1-4C-alkyl, the radical Res-1-4C-alkyl or the radical -CO-NR31R32,~~

where

~~Res is a imidazo, morpholino, aziridino, azetidino, pyrrolidino, pyrrolo, piperidino, piperazino or a with R30 substituted benzylamino radical and the radical Res is bonded via its nitrogen atom or one of its nitrogen atoms to the 1-4C-alkyl radical,~~

where

~~R30 is 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, 1-4C-alkylcarbonyl, carboxy, 1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, 1-4C-alkoxycarbonyl-1-4C-alkyl, halogen or hydroxy,~~

R31 is hydrogen, hydroxyl, ~~1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl~~ and

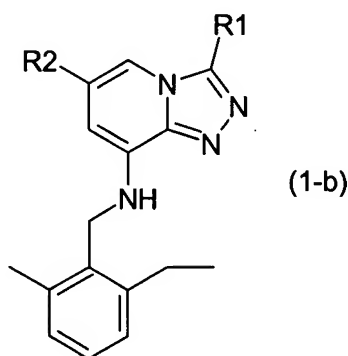
R32 is hydrogen, 1-7C-alkyl, or hydroxy-1-4C-alkyl ~~or 1-4C-alkoxy-1-4C-alkyl,~~

~~or where~~

~~R31 and R32 together, including the nitrogen atom to which both are bonded, are a pyrrolidino, piperidino, piperazino, N-1-4C-alkylpiperazino, morpholino, aziridino or azetidino group,~~

or a salt thereof.

10. (Currently amended) A compound of the formula 1 as claimed in claim 1, characterized by the formula 1-b



where

R1 is 1-4C-alkyl,

R2 is carboxyl, or 1-4C-alkoxycarbonyl ~~or the radical CO-NR31R32,~~

where

~~R31 is 1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl,~~

~~R32 is hydrogen, 1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl,~~

or a salt thereof.

11. (Previously presented) A pharmaceutical composition comprising a compound as claimed in claim 1 and/or a pharmacologically acceptable salt thereof, together with a pharmaceutically acceptable auxiliary and/or excipient.

12. (Withdrawn) A method of treating a gastrointestinal disorder in a patient comprising administering to a patient in need thereof a compound as claimed in claim 1, or a pharmacologically acceptable salt thereof.